



In re the application of: Otway, David J. et al.

Serial No.: 10/709,657

Filed: May 20, 2004

For: STRONG MUTUAL AUTHENTICATION OF

DEVICES

Attorney Docket No.: CXT-052DV

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Patents

Art Unit: 2134

Examiner: Not Yet Assigned

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Dated: April 14, 2005

nature: Interplet

_(Christopher J: McKenna)

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

For the Examiner's convenience in reviewing this continuation application, Applicants submit a consolidated PTO Form SB/08, listing all references cited during the prosecution of the parent application. The present application is a continuation of U.S. Patent Application No. 09/617,380, filed July 17, 2000 (Attorney Docket No. CXT-052). All references listed on the enclosed PTO Form SB/08 have been previously cited by or submitted to the Office in the prior application, and, in accordance with 37 CFR §1.98(d), copies of the references are not enclosed. Applicants will provide copies of the references upon request.

Serial Number: 10/709,657 Docket No.: CXT-052DV

In addition, Applicants specifically direct the Examiner's attention to the following copending United States patent applications:

Attorney Docket No.	Serial No./ Patent No.	Filing Date
CXT-028	5,515,111	01-07-1996
CXT-050	09/704,920	11-02-2000
CXT-051	09/579,910	05-26-2000
CXT-052	09/617,380	07-17-2000
CXT-057	10/706,117	11-03-2000
CXT-057CN	10/709,806	05-28-2004

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Applicants submit that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and respectfully requests that the references be expressly considered during the prosecution of this application and be made of record therein.

Date: April 14, 2005

Respectfully submitted,

Christopher J. McKenna, Esq.

Registration No. 53,302 Attorney for Applicants

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CJM/sk Enclosures



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April 14, 2005

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Re:

U.S. Patent Application No.: 10/709,657

For: STRONG MUTUAL AUTHENTICATION OF DEVICES

Inventor: Otway, David J. et al.

Filed: May 20, 2004

Our Ref. No.: CXT-052DV

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

- 1. Information Disclosure Statement;
- 2. PTO Form SB/08; and
- 3. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Christopher J. McKenna, Esq.

Registration No. 53,302 Attorney for Applicant

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450

on April 14, 2005

(Christopher J. McKenna)

PTO/SB/08a/b (08-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet of 4 1

Complete if Known					
Application Number	10/709,657				
Filing Date	May 20, 2004				
First Named Inventor	Otway, David J.				
Art Unit	2134				
Examiner Name	Not Yet Assigned				
Attorney Docket Number	CXT-052DV				

			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	4,649,410	10-Mar-87	Ohashi	
	A2	4,807,029	21-Feb-89	Tanaka	
	A3	4,887,204	12-Dec-89	Johnson <i>et al.</i>	
	A4	4,924,378	08-May-90	Hershey et al.	
	A5	4,937,784	26-Jun-90	Masai et al.	
	A6	5,014,221	7-May-91	Mogul	
	A7	5,161,015	3-Nov-92	Citta et al.	
	A8	5,164,727	17-Nov-92	Zakhor et al.	
	A9	5,175,852	29-Dec-99	Johnson <i>et al</i> .	
	A10	5,202,971	13-Apr-93	Henson et al.	
	A11	5,204,897	20-Apr-93	Wyman	
	A12	5,229,864	20-Jul-93	Moronaga <i>et al</i> .	
	A13	5,305,440	19-Apr-94	Morgan <i>et al</i> .	
	A14	5,325,527	28-Jun-94	Cwikowski <i>et al</i> .	
,	A15	5,329,619	12-Jul-94	Page <i>et al.</i>	
	A16	5,341,477	23-Aug-94	Pitkin <i>et al.</i>	
	A17	5,341,478	23-Aug-94	Travis, Jr. et al.	
	A18	5,359,721	25-Oct-94	Kempf et al.	
	A19	5,367,688	22-Nov-94	Croll	
	A20	5,390,297	14-Feb-95	Barber <i>et al</i> .	
	A21	5,412,717	02-May-95	Fischer	
	A22	5,440,719		Hanes <i>et al</i> .	
	A23	5,455,953	03-Oct-95	Russell	
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		5,504,814	02-Apr-96		
	A26	5,509,070	16-Apr-96	· · · · · · · · · · · · · · · · · · ·	
	A27	5,515,508		Pettus et al.	
		5,524,238		Miller et al.	
		5,544,246		Mandelbaum et al.	
	A30	5,550,976		Henderson et al.	
	+	5,550,981		Bauer et al.	
	+	5,553,139	03-Sep-96		
	•	5,557,732		Thompson	
		5,560,008		Johnson et al.	
		5,564,016		Korenshtein	
		5,583,992	10-Dec-96		
		5,592,549	-	Nagel <i>et al.</i>	
	}	5,604,490		Blakley,III et al.	
		5,638,513	10-Jun-97		

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Signature	l C	onsidered	

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	A40	5,657,390	12-Aug-97	Elgamal et al.	
	A41	5,666,501	09-Sep-97	Jones et al.	
	A42	5,668,876	16-Sep-97	Falk et al.	
	A43	5,668,999	16-Sep-97	Gosling	
	A44	5,671,354	23-Sep-97	Ito et al.	
	A45	5,689,708	18-Nov-97	Regnier et al.	
	A46	5,706,349	01-Jan-98	Aditham et al.	
	A47	5,729,734	17-Mar-98	Parker et al.	
	A48	5,737,416	07-Apr-98	Cooper et al.	
	A49	5,742,757	21-Apr-98	Hamadani et al.	
	A50	5,794,207	11-Aug-98	Walker et al.	
	A51	5,809,144	15-Sep-98	Sirbu et al.	
	A52	5,818,939	07-Oct-98	Davis	
	A53	5,881,226	9-Mar-99	Veneklase	
	A54	5,918,228	29-Jun-99	Rich et al.	
	A55	5,923,756	13-Jul-99	Shambroom	
	A56	5,944,791	31-Aug-99	Scherpbier	
	A57	5,956,407	21-Sep-99		
	A58	5,991,878	21-Nov-99	McDonough et al.	
	A59	6,049,785	11-Apr-00	Gifford	
	A60	6,078,908	20-Jun-00	Schmitz	
	A61	6,094,485	25-Jul-00	Weinstein et al.	
	A62	6,131,116	10-Oct-00	Riggins et al.	
	A63	6,289,461 B1	11-Sep-01	Dixon	
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	A65	6,609,206 B1	19-Aug-03	Veneklase	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τę
	B1	GB 2 168 831 A	06-25-1986	STEEBEK SYSTEMS LTD(GB)		
	B2	WO 93/15457 A1	08-05-1993	PARALLEL PCs, INC		
	B3	WO 94/28670 A1	12-08-1994	NOKIA TELECOMMUNICATIONS OY		
	B4	EP 0 643 514 A2	03-15-1995	INTERNATIONAL BUSINESS MACHINES CORPORATION		
	B5	EP 0 679 980 AI	11-02-1995	INTERNATIONAL BUSINESS MACHINES CORPORATION		
Examine Signature				Date Considered		

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		FOREI	GN PATENT	DOCUMENTS		
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	B6	EP 0 734 144 A2	09-25-1996	SIEMENS AKTIENGESELLSCHAFT		
	B7	WO 97/18635	05-22-1997	INTERNATIONAL BUSINESS MACHINES CORPORATION et al.		
	B8	NL 1007409	11-18-1997	KONINGKLYKE PTT NEDERLAND NV	ABSTRACT	
	B9	EP 0 851 628 AI	07-01-1998	ICO SERVICES LTD.	•	
	B10	WO 98/38762 A2	09-03-1998	SIEBEL SYSTEMS, INC.		
	B11	EP 0 875 871 A2	11-04-1998	SCHMITZ, KIM	- · · · <u>-</u>	
	B12	WO 98/52344	11-19-1998	TELEFONAKTIEBOLAGET LM ERICSSON		
	B13	WO 99/35783 A1	07-15-1999	CYBERSAFE CORPORATION		

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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	"IBM: "IBM Operating System/2 Version 1.2 Profile Validation Hooks", pages 1-26, November 22, 1989.	
	C2	"Network Neighborhood", http://www.internet.com, © 1999 internet.com	
	C3	Allison, B. et al. "File System Security: Secure Network Data Sharing For NT And UNIX" Network Appliance, Inc., Tech Library, January 16, 1998 pages 1-16 (double sided)	
	C4	Conry-Marray, A. "Web services security specifications" Network Magazine 2003, pp. 20, 22.	
	C5	Dawson, E. et al. "Key Management in a non-trusted distributed environment." Future Generation Computer Systems, Elsevier Science Publishers, Amsterdam, 16(2000):319-29.	
	C6	Gong, L. "Using One-Way Functions for Authentication" University of Cambridge Computer Laboratory, Cambridge CB2 3QG, England, July 1989, pages 8-11	
	C7	Kay, R. "Authentication" Computerworld, March 27,2000, pages 77-79.	
	C8	Maxemchuk, N.F. et al. "The Use of Communications Networks to Increase Personal Privacy" from IEEE INFOCOM' 95, Proceedings, Vol. 2, April 2-61995, Pages 504-512.	
	C9	Millman, H. "Give Your Computer the Finger", Computerworld, March 27, 2000	

Examiner	Date	
Signature	Considered	

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11	NFORMATIO	N DI	SCLOSURE	Filing Date	May 20, 2004	
S	TATEMENT	BY /	APPLICANT	First Named Inventor	Otway, David J.	
				Art Unit	2134	
	(Use as many s	sheets as	s necessary)	Examiner Name	Not Yet Assigned	
Sheet	4	of	4	Attorney Docket Number	CXT-052DV	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C10	Neuman, B.C. "Proxy-Based Authorization and Accounting for Distributed Systems", © IEEE, May 25, 1993, pages 283-291	
	C11	Nicholson, M. "How To Hold Mobile Users To Account" Financial Times, Tuesday, May 2,2000.	
	C12	Otway, D. et al. "Efficient and Timely Mutual Authentication", The ANSA Project, 24 Hills Road, Cambridge CB21JP United Kingdom, pages 8-10	
***************************************	C13	Patent Cooperation Treaty, International Search Report, International Application No. PCT/US01/45461, Mailed on November 13,2002, 7 pages.	
	C14	Paulson, L.C. "Mechanized Proofs for a Recursive Authentication Protocol" Computer Laboratory, University of Cambridge, Pembroke Street, Cambridge CB2 3QG, England, pages 84-94	
	C15	Ryan, P.Y.A. et al., "An attack on a recursive authentication protocol: A cautionary tale" Information Processing Letters 65, 1998 Elsevier Science B.V., pages 7-10	
	C16	Savvas, T. "Handset Giants Launch Security System" www.computerweekly.com	
	C17	Seife, C. "Algorithmic Gladiators Vie For Digital Glory" www.sciencemag.org, Science, Vol 288, May 19,2000, pages 1161 & 1163.	
	C18	Sirbu, M.A. et al. "Distributed authentication in Kerberos using public key cryptography." IEEE, 1997, pp. 134-141.	
	C19	Stallings, W. "Chapter 5: Confidentiality using conventional encryption." In Cryptography and Network Security: Confidentiality 1998, Prentice Hall, pp.131-157.	
	C20	Terao et al. "A shared secure server for multiple closed networks." IEEE, 1999, pp.32-39	
	C21	Win95 Tutorial: Index of Topics. http://orion.valencia.cc.fl.us/tutorials/Win95demo/net.html , printed 12/27/99 (2 pages)	
	C22	Yager, T. "OS Paradise" BYTE, November, 1995	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	Date
Signature	Considered

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.